



Updating **ANZSCO**

Reflecting a modern Australian labour market



ANZSCO [Preliminary] Proposed Changes

Version 2.0

Construction

ANZSCO Comprehensive Review

Australian Bureau of Statistics

17/6/2024



Essential Notes

The Australian and New Zealand Statistical Classification of Occupations (ANZSCO) describes all occupations for the Australian and New Zealand labour market.

The ABS has undertaken a comprehensive review of the Australian and New Zealand Standard Classification of Occupations (ANZSCO) to reflect the contemporary labour market and better meet stakeholders' needs. Public consultation rounds were held across 2023, with each round targeting selected occupations grouped by focus area.

Statistics New Zealand (Stats NZ) have elected not to participate in the current review and therefore occupation changes have only been considered in respect of the Australian labour market.

Updates to document

This document has been updated based on stakeholder feedback and further research. Minor updates have been made to a handful of occupations. The format of the document has also been updated to improve usability based on feedback received. A preliminary proposed changes document has been created for each of the 43 focus areas. Focus areas were designed to group occupations for consultation purposes only and will not be present in the classification structure.

The preliminary proposed changes presented do not include the full scope of not elsewhere classified categories (nec). Exclusion statements are incomplete and do not reference specific occupation locations within the classification. Outstanding nec categories, exclusion statements and final tweaks to occupations are currently being finalised in preparation for the release of the draft proposed classification in July on the ABS website. The July release will provide users with an opportunity to provide feedback on the structure of the proposed changes, before finalising the update for release by December 2024. These preliminary proposed changes documents are for information only.

Task lists

ABS recognises the potential of Artificial Intelligence (AI) to enhance our operations and efficiency. To this end, we have employed AI to assist in the creation of initial task lists. However, human experts are responsible for the final content, and AI serves as a tool, not a decision-maker. We value stakeholder input and incorporate it into our editing process placing importance on stakeholder submissions and other relevant research contributions.

Learn more about ANZSCO and the review at [Updating ANZSCO | Australian Bureau of Statistics \(abs.gov.au\)](https://abs.gov.au/anzSCO)

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About the focus area

The Construction focus area covers occupations which require specialised knowledge and skills to:

- plan, organise, direct, control and coordinate construction projects
- estimate and monitor the construction costs of projects
- supervise construction sites, and organise and coordinate the resources required
- inspect buildings and plumbing works to ensure compliance with laws, standards and regulations
- work with masonry, wood, steel and flooring
- apply paint and other finishes, and install glass
- plaster interiors and exteriors of structures
- undertake roofing and tiling works
- install, maintain and repair electrical and plumbing related systems and equipment
- operate cranes, hoists, lifts and winches, mobile earthmoving and other plant used in construction
- perform routine tasks associated with construction
- pour, spread and finish concrete, erect and repair fences and gates, and install insulation
- perform rigging, scaffolding and structural steel work
- sling cranes and winches, and direct the movement of loads.

Summary of consultation

There was strong engagement by stakeholders for construction related occupations and extensive feedback was received from both major industry organisations and smaller, trade specific organisations.

Stakeholder feedback largely fell into two main areas: updating occupation descriptions with current terminology and ensuring skill levels, qualifications and registration reflected current requirements. The proposal of new occupations, tasks and specialisations were also received.

A number of stakeholders raised the growing representation of renewable energy within the construction sector. It was recommended that occupations be updated to better reflect jobs involving renewable gases and solar technology.

133111 Construction Project Manager

Existing

133111 Construction Project Manager

Alternative Title:

- Building and Construction Manager

Plans, organises, directs, controls and coordinates construction of engineering and building projects, and all resources involved in the construction process.

Registration or licensing may be required.

Skill Level: 1

Specialisation:

- Shipbuilding Program Manager

Proposed

133111 Construction Project Manager

Alternative Title:

- Building and Construction Manager

Plans, organises, directs, controls and coordinates construction of engineering and building projects, and all resources involved in the construction process.

Registration or licensing may be required.

Skill Level: 1

Main Tasks:

- Plans, organises and manages large-scale commercial and civil construction project objectives, budget and schedules
- Assesses and interprets architectural drawings and technical specifications and determines appropriate construction methods to use
- Develops tenders and contract bids and negotiates with stakeholders throughout the construction process and project lifecycle
- Leads the coordination and prioritisation of resources including human resources, materials, plant and equipment across large-scale commercial and civil construction projects
- Consults with clients, Architects, Civil Engineering Professionals, Contract Administrators, Quantity Surveyors, site managers and other personnel to plan and manage the construction process
- Manages and monitors adherence to legislation and standards of performance and safety
- Leads and manages human resources including subcontractors to progress and deliver construction projects
- Establishes and manages project plans to ensure alignment with strategic goals and project outcomes
- Manages change and implementation of construction projects

Specialisation:

- Shipbuilding Program Manager

133112 Project Builder

Existing	Proposed
133112 Project Builder Alternative Title: Professional Builder Plans, organises, directs, controls and coordinates the construction, alteration and renovation of dwellings and other buildings, and the physical and human resources involved in the building process. Registration or licensing is required. Skill Level: 1	133112 Project Builder Alternative Title: - Professional Builder Plans, organises, directs, controls and coordinates the construction, alteration and renovation of dwellings and other buildings, and the physical and human resources involved in the building process. Registration or licensing is required. Skill Level: 1 Main Tasks: - Plans, organises and manages commercial and residential building, alteration or renovation project objectives, budget and schedules - Assesses and interprets architectural drawings, building plans and technical specifications and determines appropriate construction methods to use - Develops quotes and negotiates with clients throughout the construction process - Manages the submission of building plans to local authorities and arranges building inspections - Coordinates and prioritises resources, including subcontractors, materials and equipment across commercial and residential building projects - Consults with clients, Architects, Civil Engineering Professionals, property developers, building designers and construction trades workers to plan and manage the building, alteration or renovation process - Schedules subcontractors, monitors the building, alteration or renovation process and ensures work adheres to building standards and regulatory and client requirements - Manages and monitors adherence to work health and safety requirements - Identifies and resolves issues or delays in the building, alteration or renovation process

312111 Architectural Draftsperson

Existing	Proposed
312111 Architectural Draftsperson Alternative Title: • Architectural Associate Completes Architects' concepts by preparing drawings and plans, and liaising with builders and contractors. Skill Level: 2 Specialisation: • Building Drafting Officer	312111 Building Designer Alternative Titles: • Architectural Associate • Architectural Draftsperson Creates designs, plans, documents and concepts for buildings, renovations and extensions designs in consultation with Architects, builders and contractors. Registration or licensing may be required. Skill Level: 2 Main Tasks: • Consults with Architects, builders and clients to understand design requirements and gather feedback on building designs • Prepares early design models for engineering and estimation purposes using building information modelling (BIM) • Takes measurements, dimensions and performs other routine calculations for building or renovation design layouts • Provides design recommendations to clients based upon factors such as budget and building site consideration • Produces architectural documentation for sketch design and to support applications to councils • Prepares building designs, models, concepts and estimations using computer-aided design software (CAD), 3D modelling and BIM software • Ensures building, renovation and extension designs comply with regulations and standards, client, certifier and consultant requirements

312112 Building Associate

Existing	Proposed	
312112 Building Associate Supervises construction sites, and organises and coordinates the material and human resources required. Registration or licensing may be required. Skill Level: 2 Specialisations: • Building Construction Supervisor • Clerk of Works	312117 Construction Site Supervisor Alternative Titles: • Building Site Manager • Building Site Supervisor • Construction Foreperson Supervises and organises the daily operations of construction sites and coordinates the material and human resources required. Registration or licensing may be required. Skill Level: 2 Main Tasks: • Coordinates and schedules construction activities including the delivery of materials and equipment to site • Oversees and directs construction workers and subcontractors • Implements and enforces safety protocols and procedures on construction sites • Reviews and interprets construction plans and specifications and inspects construction sites to ensure compliance with building codes and regulations • Collaborates with Architects, engineers, and other professionals involved in the construction process	312118 Civil Construction Leading Hand Supervises and performs specialist roles in a small civil work team including monitoring work programs, ensuring safety and organising plant, labour and material resources on civil construction sites. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Supervises, coordinates and participates in civil construction work • Assists Construction Site Supervisors to monitor construction programs, organise resources and resolve issues • Directs and monitors sub-contractors, suppliers and plant hirers and conducts briefings with work crews to deliver project information and assign tasks • Provides technical support to work teams on issues such as plant or machine operation and ensures plant and machinery is maintained and operated in accordance with safety standards • Maintains a daily record of site activities for reporting to Construction Site Supervisors Specialisations: • Asphalt Supervisor • Earthmoving Supervisor

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| | <ul style="list-style-type: none">• Conducts regular site meetings to communicate project progress and address any concerns, and resolves any issues or conflicts that arise | |
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Specialisation:

- Demolition Supervisor

312113 Building Inspector

Existing	Proposed	
312113 Building Inspector Alternative Titles: • Building Certifier • Building Surveyor Inspects buildings to ensure compliance with laws and regulations and advises on building requirements. Registration or licensing may be required. Skill Level: 2 Specialisation: • Electrical Installation Inspector	312121 Building Inspector Inspects and reports on the structural quality and safety of buildings. May perform tasks related to regulatory building inspection and reporting in support of Building Surveyors. Registration or licensing may be required. Skill Level: 2 Main Tasks: • Undertakes pre-purchase building inspections on behalf of clients and prepares pre-purchase reports • Identifies non-structural defects, structural issues and conditions that may contribute to structural issues in buildings and provides reports on their severity along with recommendations for a course of actions to be undertaken within a suggested timeframe • Advises builders, contractors and property owners on building regulations and requirements • May carry out inspection of buildings to verify if building work complies with approved permits, legislative and building regulations and produce reports on their non-compliance at the request of a Building Surveyor Specialisations: • Electrical Installation Inspector • Swimming Pool Inspector	312122 Building Surveyor Alternative Title: • Building Certifier Reviews, analyses and assesses building plans for compliance to current building standards and issues relevant legislative permits, certification and approvals. Registration or licensing is required. Skill Level: 1 Main Tasks: • Assesses and approves building permit applications to ensure compliance with building codes, local ordinances, zoning and contract specifications • Undertakes, or directs Building Inspectors to undertake, critical stage inspections of buildings under construction to determine if the work complies with the development consent and legislative requirements • Prepares a written record of building work inspected and documents details identifying non-compliant issues • Enforces the requirements of building legislation by issuing written directions to fix non-compliant building work, providing building notices and issuing or removing building orders

		• Responds to enquiries or complaints from people affected by their decisions made when carrying out statutory functions • Issues occupancy permits and certificates of final inspection upon the completion of building work if all requirements are met
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312114 Construction Estimator

Existing	Proposed
312114 Construction Estimator	312114 Construction Estimator
Alternative Title: • Building Estimator	Alternative Title: • Building Estimator
Prepares and delivers estimates and cost plans for construction projects up to tender settlement stage.	Prepares and delivers estimates and cost plans for construction projects up to tender settlement stage.
Skill Level: 2	Skill Level: 2
	Main Tasks: • Reviews project plans and specifications to understand project requirements then projects the overall costs of materials, labour and planning of construction • Tracks construction progress to ensure the project is completed within budget • Conducts site visits to gather information and assess project conditions • Researches and obtains quotes then negotiates deals with suppliers and subcontractors • Collaborates with Architects, engineers and contractors to clarify project details • Prepares and presents cost plans to clients and stakeholders and recommends ways to reduce costs • Assists in the negotiation and settlement of project tenders

312115 Plumbing Inspector

Existing	Proposed
312115 Plumbing Inspector Inspects plumbing work to ensure compliance with relevant standards and regulations. Registration or licensing is required. Skill Level: 2 Specialisations: • Drainage Inspector • Gas Plumbing Inspector • Sanitary Plumbing and Water Supply Inspector	312115 Plumbing Inspector Inspects plumbing work to ensure compliance with relevant standards and regulations. Registration or licensing is required. Skill Level: 2 Main Tasks: • Conducts site inspections of plumbing installations to ensure compliance with relevant standards and regulations • Reviews plans and specifications for plumbing installations to ensure compliance with building codes and regulations • Issues permits and certificates of compliance for plumbing installations • Investigates complaints and reports of non-compliance with plumbing regulations • Provides advice and guidance to Plumbers and property owners on compliance requirements • Prepares reports and documentation detailing findings and recommendations for corrective action • Collaborates with other regulatory agencies and stakeholders to ensure consistent enforcement of plumbing regulations

312116 Surveying or Spatial Science Technician

Existing	Proposed	
312116 Surveying or Spatial Science Technician Alternative Title: • GIS Technician Collects, records and evaluates spatial information and prepares databases, maps, charts and plans in support of Surveyors, Cartographers or Other Spatial Scientists. Registration or licensing may be required. Skill Level: 2 Specialisations: • Aerial Survey Technician • Photogrammetrist	312123 Geospatial Technician Alternative Title: • Geographical Information System (GIS) Officer Analyses and manipulates geospatial data from multiple technologies, formats and projects to form integrated datasets. Skill Level: 2 Main Tasks: • Assists with the development and maintenance of Geographical Information System (GIS) • Creates, maintains, displays and updates GIS databases • Works with geospatial technology to assist with data gathering, compilation, mapping and data analysis • Produces accurate maps and other representations of data for use in activities such as fieldwork • Conducts fieldwork to resolve conflicting information and ensure the accuracy of data • Records and documents details of map updates, additions and/or deletions	312124 Surveying Technician Collects and records survey data using surveying instruments such as total stations, Global Positioning System (GPS) equipment, levels and laser scanners. Analyses survey data to develop plans and reports in support of Surveyors. Skill Level: 2 Main Tasks: • Prepares sketches used to place physical markers on land to define the accurate position of features such as existing property boundaries, proposed building layouts, utilities and road margins on building, construction and mine sites • Processes data and makes calculations recorded from fieldwork and surveys to prepare detail and feature plans, maps and technical reports • Maintains and calibrates surveying equipment to ensure accuracy • Analyses, interprets and manipulates survey data to create computer-aided design (CAD) and other information models Specialisation: • Survey Draftsperson

312199 Architectural, Building and Surveying Technicians nec

Existing	Proposed		
312199 Architectural, Building and Surveying Technicians nec This occupation group covers Architectural, Building and Surveying Technicians not elsewhere classified. Skill Level: 2 Occupations in this group include: • Energy Assessor • Roof Truss Detailer • Structural Steel Detailer	312125 Energy Assessor Alternative Titles: • Energy Efficiency Assessor • Thermal Performance Assessor Assesses the energy efficiency of buildings by using computer modelling tools to predict the heating and cooling requirements of buildings based on the design, materials and construction. Skill Level: 3 Main Tasks: • Uses approved software and information from building plans to model potential consumption of energy for heating and cooling purposes, to verify compliance with national building codes • Assesses and certifies the thermal performance of buildings • Advises on building orientation, materials and construction to improve thermal performance • Measures and prepares reports on the energy use of buildings including appliances, heating and cooling and solar batteries	312126 Detailer Drafter Produces detailed plans, drawings and other documents based on architectural and engineering drawings using building information modelling (BIM) for fabricators to manufacture and erect frames, columns, beams, braces and trusses used in residential, commercial and industrial buildings and infrastructure. Skill Level: 2 Main Tasks: • Uses BIM technology to prepare plans, drawings and other documents, including specifications for materials required, detailed measurements and installation instructions for building contractors • Determines the appropriate material for each task based on design plans and ensures that all designs meet relevant standards and regulations • Performs calculations to estimate the quantity of materials required to complete a project • Develops detailed 3D models to detect model clashes to mitigate construction delays and site rectification costs • Collaborates with Architects, engineers, and project managers to ensure the accurate translation of designs into construction plans	312199 Architectural, Building and Surveying Technicians nec This occupation comprises Architectural, Building and Surveying Technicians not elsewhere classified. Examples: • Roof Truss Detailer • Structural Steel Detailer Skill Level: 2

	• Collaborates with Architects, building designers, building surveyors and energy and sustainability engineers to optimise the thermal performance of buildings	Specialisations: • Steel Detailer • Structural Steel Detailer • Truss Detailer	
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331111 Bricklayer

Existing	Proposed
331111 Bricklayer Alternative Title: • Blocklayer Lays bricks, pre-cut stone and other types of building blocks in mortar to construct and repair walls, partitions, arches, segmental paving and other structures. Registration or licensing may be required. Skill Level: 3 Specialisations: • Brick Paver • Refractory Bricklayer	331111 Bricklayer Alternative Title: • Blocklayer Lays bricks, pre-cut stone and other types of building blocks in mortar to construct and repair walls, partitions, arches, segmental paving and other structures. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Studies plans and specifications to determine materials required, dimensions and installation procedures • Erects and dismantles restricted height scaffolding • Seals foundations with damp-resistant materials and spreads layers of mortar to serve as base and binder for building blocks • Cuts building blocks using machines and hand tools and shapes blocks to fit irregular spaces • Sets out blockwork and lays building blocks in rows, designs and shapes • Embeds building blocks in mortar ensuring construction is level, plum and aligned and removes excess mortar • Installs lintels and flashings to openings • Repairs and maintains bricks, cement blocks and related structures • May prepare base and bedding courses and lay segmental paving Specialisations: • Brick Paver • Refractory Bricklayer

331112 Stonemason

Existing	Proposed
331112 Stonemason Cuts and shapes hard and soft stone blocks and masonry slabs to construct and renovate stone structures, kitchen benchtops and monumental masonry. Registration or licensing may be required. Skill Level: 3 Specialisation: • Monumental Stonemason	331112 Stonemason Cuts and shapes hard and soft stone blocks and masonry slabs to construct and renovate stone structures, kitchen benchtops and monumental masonry. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Studies plans and specifications to determine materials required, dimensions and installation procedures • Measures, marks dimensions, outlines, splits, cuts, shapes and finishes stone blocks and masonry slabs using hand tools and machinery • Sets out and cuts letters and designs into stone • Lays stone blocks and large masonry slabs to construct structures such as walls, arches, and pillars, ensuring they are level and plumb • Constructs and installs stone construction elements such as benchtops and splashbacks • Assesses damage to and repairs stonework, including on old or heritage buildings and monuments • May design, cut and install monumental masonry Specialisation: • Monumental Stonemason

331211 Carpenter and Joiner

Existing	Proposed	
331211 Carpenter and Joiner Constructs and installs structures and fixtures of wood, plywood, and wallboard, and cuts, shapes and fits timber parts to form structures and fittings. Registration or licensing may be required. Skill Level: 3 Specialisation: • Shopfitter	331214 Carpenter and Joiner Cuts, shapes, fits and installs structures and fixtures of wood, plywood and wallboard, and cuts, shapes and fits timber parts to form structures and fittings. Registration or licensing may be required. Shopfitters and excluded from this occupation Skill Level: 3 Main Tasks: • Studies blueprints, drawings, and specifications to determine materials required and dimensions of structures or fixtures • Operates woodworking machines to cut, shape, and fit timber parts to form structures and fixtures such as cabinets, doors and window frames, and installs them using hand and power tools • Constructs and installs stairs, handrails, and balustrades • Applies finishes such as paint, stain or varnish and installs hardware, such as hinges, locks, and handles, on structures and fixtures • Erects frameworks for structures, such as walls, floors, and roofs, using scaffolding and ladders	331215 Shopfitter Fits out shops and other commercial premises by fabricating, assembling and installing shopfronts, cabinets, showcases, counters and workstations using substances such as plastic, glass, metal, wood and composite materials. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Specifies, orders and prepares materials for fitouts including business-specific equipment, fixtures and fittings • Prepares detailed, accurate design plans for fitouts using drawings, sketches or computer software • Sets-out, fabricates and assembles shopfronts, commercial entries, bulkheads, component fittings, cabinets, showcases, wall units and workstations • Constructs and erects wall and ceiling framing including installing internal linings, assembling partition frames and installing curtain walling • Schedules and coordinates other tradespeople such as Electricians, Plumbers and Painters required to complete the fitout

331212 Carpenter

Existing	Proposed
331212 Carpenter Constructs, erects, installs, renovates and repairs structures and fixtures of wood, plywood, lightweight steel, wallboard and other materials. Registration or licensing may be required. Skill Level: 3 Specialisations: • Fixing Carpenter • Formwork Carpenter • Prop and Scenery Maker • Roof Carpenter	331212 Carpenter Constructs, erects, installs, renovates and repairs structures and fixtures of wood, plywood, lightweight steel, wallboard and other materials. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Interprets plans, specifications and drawings to determine carpentry materials required, dimensions and installation procedures • Sets-out, constructs and erects wall and ceiling frames, constructs eaves and erects roof trusses • Constructs and installs structures such as walls, flooring systems, external stairs, panelling and partitions using mechanical fasteners such as nails, screws and brackets • Fits and installs windows and doors into wall frames and installs associated furnishings such as hinges, handles and locks • Repairs and renovates wooden structures including by removing and replacing damaged or deteriorated timber • May construct and install formwork for concrete structures Specialisations: • Fixing Carpenter • Formwork Carpenter • Prop and Scenery Maker • Roof Carpenter

331213 Joiner

Existing	Proposed
331213 Joiner Cuts, shapes and fits timber parts in workshops to form structures and fittings, ready for installation. Registration or licensing may be required. Skill Level: 3 Specialisation: • Stairbuilder	331213 Joiner Cuts, shapes and fits timber parts in workshops to form structures and fittings, ready for installation. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Interprets plans, specifications and drawings to determine joinery materials and methods required to meet project specifications • Uses hand or power tools and static machines, and programs and operates computer-controlled machinery, to produce joinery components • Manufactures and assembles joinery components such as multi panelled doors, window sashes and cabinet carcasses • Designs, manufactures and finishes wooden stairs including stair posts, handrails and balustrades • Assembles components using joinery methods such as clamps, cramps, pressers, packers and wedges • Disassembles joinery components and packages them for transport Specialisation: • Stair Builder

332111 Floor Finisher

Existing	Proposed
332111 Floor Finisher Measures, cuts, installs and repairs carpet, timber, vinyl, resilient resin and concrete floor coverings. Registration or licensing may be required. Skill Level: 3 Specialisations: • Carpet Layer • Floor Sander • Timber Floor Installer • Vinyl Layer	332111 Floor Finisher Measures, cuts, installs and repairs carpet, timber, vinyl and resin floor coverings, and engages in concrete floor polishing. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Measures, cuts and trims flooring materials to fit the dimensions of the area to be covered • Prepares the subfloor by cleaning, leveling, and repairing any imperfections • Uses appropriate tools and equipment to lay carpet, timber, vinyl and resin, and to polish concrete flooring • Applies adhesives, nails, or other fastening methods to ensure secure flooring installation • Repairs or replaces damaged or worn flooring materials Specialisations: • Carpet Layer • Concrete Polisher • Floor Sander • Timber Floor Installer • Vinyl Layer

332211 Painter

Existing	Proposed
332211 Painter Alternative Title: • Painter and Decorator Applies paint, varnish, wallpaper and other finishes to protect, maintain and decorate surfaces of buildings and structures. Registration or licensing may be required. Skill Level: 3 Specialisation: • House Painter	332211 Painter Alternative Title: • Painter and Decorator Applies paint, varnish, wallpaper and other finishes to protect, maintain and decorate surfaces of buildings and structures. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Prepares surfaces by removing old paint and filling holes and cracks, and covers surfaces with drop cloths or masking tape to protect surrounding areas • Selects and mixes paints and stains to achieve desired colour and texture • Applies paint, varnish, wallpaper, and other finishes using brushes, rollers, sprayers, or other tools • Smooths and sands surfaces between coats of paint or varnish and inspects finished work to ensure quality and adherence to client specifications • Collaborates with clients to determine colour schemes and finishes and estimates materials and labour costs for painting projects Specialisations: • House Painter • Spray Painter (non-Industrial)

333111 Glazier

Existing	Proposed
333111 Glazier	333111 Glazier
Measures, cuts, finishes, fits and installs flat glass and mirrors.	Measures, cuts, finishes, fits and installs flat glass and mirrors.
Skill Level: 3	Skill Level: 3
	Main Tasks: • Measures and assesses the type and dimensions of glass and mirrors required in the installation of windows, skylights, display cases, interior walls and ceilings • Removes and replaces damaged or broken glass and mirrors • Cuts and shapes glass and mirrors to specified dimensions, smooths rough edges, applies decorative finishes and marks any defective areas in the final product • Prepares surfaces for glass and mirror installation, including cleaning and applying adhesives • Ensures proper alignment and positioning of glass and mirrors before installation • Fits glass and mirrors into frames, windows, skylights, doors, and other structures
	Specialisation: • Window Installer

333211 Plasterer (Wall and Ceiling)

Existing

333211 Plasterer (Wall and Ceiling)

Alternative Titles:

- Drywall Plasterer
- Wall and Ceiling Fixer

Applies and fixes plasterboard partitions, suspended ceilings, fire rating systems, acoustic ceiling panels, and composite wall linings to buildings.

Registration or licensing may be required.

Skill Level: 3

Specialisation:

- Ceiling Fixer

Proposed

333211 Plasterer (Wall and Ceiling)

Alternative Titles:

- Drywall Plasterer
- Wall and Ceiling Fixer

Applies and fixes plasterboard partitions, suspended ceilings, fire rating systems, acoustic ceiling panels, and composite wall linings to buildings.

Registration or licensing may be required.

Skill Level: 3

Main Tasks:

- Determines plasterboard layout and installs insulation and vapour barriers
- Measures, marks and cuts plasterboard, lifts and positions panels and secures them to walls ceilings and battens
- Prepares corner beads and secures them into position
- Covers joins and nail holes with wet plaster, joint tape and sealing compound then smooths them using wet brush and sandpaper
- Plumbs and straightens corners, angles and wall ceiling surfaces
- Applies and finishes acoustic, insulating and fireproofing materials bonded with plaster, plastic cement and similar materials

Specialisation:

- Ceiling Fixer

333212 Renderer (Solid Plaster)

Existing	Proposed
333212 Renderer (Solid Plaster) Alternative Title: • Solid Plasterer Applies decorative and protective coverings of plaster, cement and similar materials to the interiors and exteriors of structures. Registration or licensing may be required. Skill Level: 3	333212 Renderer (Solid Plaster) Alternative Title: • Solid Plasterer Applies decorative and protective coverings of plaster, cement and similar materials to the interiors and exteriors of structures. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Fixes pre-cast cornices, panel mouldings, ceiling centres and other plaster fittings • Mixes and applies coats of plaster, cement and render to structures using trowels and levels and smooths coats to uniform thickness • Prepares surfaces for rendering by cleaning, removing old plaster and applying bonding agents • Plumbs and straightens corners, angles and wall and ceiling surfaces • Creates decorative textures in finishing coats • Repairs and patches damaged or deteriorated plaster and cement surfaces

333311 Roof Tiler

Existing	Proposed
333311 Roof Tiler	333311 Roof Tiler
Cover roofs with tiles, sheets and shingles to form a waterproof surface.	Covers roofs with tiles, sheets and shingles to form a waterproof surface.
Registration or licensing may be required.	Registration or licensing may be required.
Skill Level: 3	Skill Level: 3
	Main Tasks: • Studies drawings, specifications and work sites to determine roofing materials required • Prepares the roof face by setting out the roof surface and applying sarking • Measures, cuts and fixes battens using fasteners • Cuts and shapes roofing materials to fit around vents, chimney edges, corners and ridges • Installs and secures roof tiles, sheets, or shingles including fixing edge and ridge tiles in cement mortar • Checks existing roof coverings, battens, sarking, boarding and flashing installations for damage and repairs or replaces them as required

333411 Wall and Floor Tiler

Existing	Proposed
333411 Wall and Floor Tiler Lays ceramic, clay, slate, marble and glass tiles on external and internal walls and floors to provide protective and decorative finishes. Registration or licensing may be required. Skill Level: 3 Specialisations: • Ceramic Tiler • Pool Tiler	333411 Wall and Floor Tiler Lays ceramic, clay, slate, marble and glass tiles on external and internal walls and floors to provide protective and decorative finishes. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Examines plans to identify project requirements, measures and marks surfaces and lays out work • Prepares wall and floor surfaces by removing old tiles, grout and adhesive, filling holes and cracks and cleaning surfaces • Applies waterproofing systems • Uses tile-cutting tools to cut and shape tiles to fit around edges, corners, fittings and pipes • Spreads adhesive onto prepared surfaces and tiles, sets tiles in position and ensures they are correctly aligned and spaced • Installs and secures tiles and applies grout and polish to tiled surfaces • Checks existing tiles for damage and repairs or replaces them as required • May lay floors of granolithic, terrazzo, cement or similar composition • May lay coloured tiles in patterns to create mosaics Specialisations: • Ceramic Tiler • Pool Tiler

334112 Airconditioning and Mechanical Services Plumber

Existing	Proposed
334112 Airconditioning and Mechanical Services Plumber Installs, maintains and repairs piping, ducting and equipment for heating, cooling and ventilation of buildings or vessels. Registration or licensing is required. Skill Level: 3	334112 Airconditioning and Mechanical Services Plumber Installs, maintains and repairs piping (excluding refrigerant pipework, flow controls and components), ducting and equipment for heating, cooling and ventilation of buildings or vessels. Registration or licensing is required. Airconditioning and Refrigeration Mechanics are excluded from this occupation. Skill Level: 3 Main Tasks: • Assembles and installs mechanical services plant, air handling and conditioning equipment and small bore heating systems • Maintains and repairs piping (excluding refrigerant pipework, flow controls and components), ducting, and equipment for heating, cooling, and ventilation systems • Installs, maintains and tests medical gas systems • Fabricates and installs sheet metal ductwork around installed systems • Insulates piping used for hot water or steam pipes • Installs and commissions single head split systems, ceiling cassette systems and add-on condenser units for ducted systems

334113 Drainer

Existing	Proposed
334113 Drainer Alternative Title: Plumber and Drainer Installs, maintains and designs below-ground drainage systems and associated sewerage or effluent disposal systems. Registration or licensing is required. Skill Level: 3	334113 Drainer Alternative Title: - Plumber and Drainer Installs, maintains and designs below-ground drainage systems and associated sewerage or effluent disposal systems. Registration or licensing is required. Skill Level: 3 Main Tasks: - Studies drawings and specifications to determine layout of plumbing systems and materials required - Installs sewerage and effluent pumping equipment and disposal systems - Installs below-ground drainage systems, including pipes, fittings, and fixtures - Tests, maintains and repairs drainage systems to ensure proper functioning and clears blockages if required - Conducts inspections and maintenance of sewerage or effluent disposal systems

334114 Gasfitter

Existing	Proposed
334114 Gasfitter Alternative Title: Plumber and Gasfitter Installs, maintains and repairs gas mains, piping systems downstream of the billing meter, and appliances and ancillary equipment associated with the use of fuel gases, including liquefied petroleum gas systems. Registration or licensing is required. Skill Level: 3	334114 Gasfitter Alternative Title: - Plumber and Gasfitter Installs, maintains and repairs gas mains, piping systems downstream of the billing meter, and appliances and ancillary equipment associated with the use of fuel gases, including liquefied petroleum gas, hydrogen and biogas systems. Registration or licensing is required. Skill Level: 3 Main Tasks: - Installs and tests LPG, hydrogen, biogas and other natural gasfitting lines - Installs and commissions gas appliances such as hot water services, space heaters, ducted heating units, gas stoves and cooktops - Installs flues through ceilings and roofs with appropriate clearances and flue termination - Identifies and repairs gas leaks in piping systems and appliances - Performs routine maintenance on gas appliances to ensure their proper functioning

334115 Roof Plumber

Existing	Proposed
334115 Roof Plumber Installs, maintains and repairs flashings, metallic roof and wall claddings and rainwater products such as gutters and downpipes. Registration or licensing is required. Skill Level: 3 Specialisation: • Fascia and Guttering Installer	334115 Roof Plumber Installs, maintains and repairs flashings, metallic roof and wall claddings and rainwater products such as gutters and downpipes. Registration or licensing is required. Skill Level: 3 Main Tasks: • Inspects roofs for damage and performs necessary repairs • Removes damaged or old roofing materials and disposes of them properly • Measures, cuts and installs roofing materials, such as metal sheets, tiles, or shingles • Applies waterproofing materials to roofs and walls • Installs and repairs flashings to prevent water leakage • Fabricates and installs gutters and downpipes Specialisation: • Fascia and Guttering Installer

334116 Plumber (General)

Existing	Proposed
334116 Plumber (General)	334116 Plumber (General)
Install and repairs water, drainage, gas and sewerage pipes and systems other than water-based fire protection systems.	Install and repairs water, drainage, gas and sewerage pipes and systems other than water-based fire protection systems.
Registration or licensing is required.	Registration or licensing is required.
Skill Level: 3	Skill Level: 3
	Main Tasks: • Interprets blueprints to plan plumbing system layout • Joins pipes and fittings using various techniques • Installs and repairs water supply, drainage systems, and fixtures • Installs and repairs solar hot water and heat pump systems • Installs and repairs gas lines and appliances in compliance with safety regulations • Tests plumbing systems for leaks and issues • Clears blockages in pipes and drains • Maintains and repairs plumbing systems in various types of buildings

334117 Fire Protection Plumber

Existing	Proposed
334117 Fire Protection Plumber Installs, tests, services and repairs water-based fire protection systems, including fire hydrants, hose reels and sprinkler systems. Registration or licensing is required. Fire Alarm Technicians and Fire Protection Equipment Technicians are excluded from this occupation. Fire Alarm Technicians are included in Unit Group 3423 Electronics Trades Workers, in Occupation 342313 Electronic Equipment Trades Worker. Fire Protection Equipment Technicians are included in Unit Group 3999 Other Miscellaneous Technicians and Trades Workers, in Occupation 399918 Fire Protection Equipment Technician. Skill Level: 3 Specialisation: • Sprinkler Fitter	334117 Fire Protection Plumber Installs, tests, services and repairs water-based fire protection systems, including fire hydrants, hose reels and sprinkler systems. Registration or licensing is required. Fire Alarm Technicians and Fire Protection Equipment Technicians are excluded from this occupation. Skill Level: 3 Main Tasks: • Installs, tests and maintains safety sprinkler systems • Installs control valve assemblies, special hazard systems, fixed fire pump sets and portable fire equipment in accordance with Australian Standards • Connects static storage tanks for fixed fire protection systems • Tests and maintains fire hydrant and hose reel installations • Tests the integrity and function of water-based fire-suppression systems • Inspects, tests and maintains gaseous fire-suppression systems Specialisation: • Sprinkler Fitter

341111 Electrician (General)

Existing	Proposed		
341111 Electrician (General) Alternative Titles: • Electrical Fitter • Electrical Contractor Installs, tests, connects, commissions, maintains and modifies electrical equipment, wiring and control systems. Registration or licensing is required. Hot water solar system installers and Labourers who install solar panels are excluded from this unit group. Hot water solar system installers are included in Unit group 8214, Insulation and Home improvement installers. Labourers are included in Unit group 8999, Other Miscellaneous Labourers. Skill Level: 3 Specialisations: • Armature Winder • Railway Signal Electrician • Solar Installer	341114 Electrician (General) Alternative Titles: • Electrical Contractor • Electrical Mechanic Selects, installs, tests, connects, commissions, diagnoses faults with, repairs, maintains and modifies electrical equipment, wiring and control systems in non-industrial settings. Registration or licensing is required. Electrical Fitters, Industrial Electricians, hot water solar system installers and labourers who install solar panels are excluded from this occupation. Skill Level: 3 Main Tasks: • Interprets and uses technical drawings, circuit wiring and mechanical diagrams, equipment and cable/connection schedules and manuals to undertake electrical wiring work • Installs, repairs, maintains and tests electrical systems and	341115 Electrical Fitter Fabricates, services and repairs electrical equipment such as motors, transformers and switchboards. May work on rail signalling infrastructure. Registration or licensing may be required. Skill Level: 3 Main Tasks: • Carries out electrical fitting and assembling works including placing, aligning and adjusting for heavy current equipment and machines or fabricates parts for such equipment • Installs, modifies or repairs electrical machines and equipment such as motor starters, motors, controllers, switchgear, switchboards, busbars, transformers, control panels and defence systems • Interprets and uses electrical specifications, wiring and circuit diagrams, plant schematics, schedules and specifications to undertake electrical wiring work associated with assembling, maintaining, terminating or altering the wiring between	341116 Industrial Electrician Installs, services, maintains and repairs intricate and complex electrical and electronic circuitry in industrial settings including oil or gas installations, mine sites and processing plants. Registration or licensing is required. Skill Level: 3 Main Tasks: • Installs, connects and maintains electrical control systems in industrial facilities • Diagnoses, fault finds and repairs industrial electrical systems • Performs service and maintenance on electrical systems and equipment in industrial facilities for compliance with safety standards and regulation • Interprets and uses technical drawings, circuit wiring and mechanical diagrams, equipment and cable/connection schedules and

	equipment, including wiring, switches, outlets, circuit breakers, transformers and lighting fixtures • Measures and lays out electrical installation sequences • Selects, cuts and connects wire and cables to circuit breakers, transformers or other electrical components in residential and commercial settings • Connects electrical systems to power supply • Tests continuity, resistance and compliance to standards of electrical circuits Specialisations: • Commercial Electrician • Construction Electrician • Fire Protection Electrician • Solar Installer	electrical components within plant or machinery • Inspects, tests, commissions, maintains and services electrical systems, machines, equipment and components • Installs and maintains meters, instruments, relays and protection equipment • Performs isolations - energy lock out/tag out procedures (LOTO) Specialisations: • Armature Winder • Marine Electrician • Railway Signal Electrician • Switchboard Builder	manuals to undertake electrical wiring work in industrial settings • Collaborates with engineers and other professionals to plan and execute industrial electrical projects Specialisations: • Industrial Maintenance Electrician • Mining Electrician
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341112 Electrician (Special Class)

Existing	Proposed
341112 Electrician (Special Class) Services and repairs intricate and complex electrical and electronic circuitry. Registration or licensing is required. Skill Level: 3	Retire occupation and merge residual with proposed occupation; 341114 Electrician (General)

341113 Lift Mechanic

Existing	Proposed
341113 Lift Mechanic Alternative Title: • Lift Electrician Designs, installs, maintains, services and repairs electric and hydraulic passenger and freight lifts, escalators, moving walkways and other lift equipment. Registration or licensing is required. Skill Level: 3	341113 Lift Mechanic Alternative Titles: • Lift Electrician • Lift Technician Designs, installs, maintains, services and repairs electric and hydraulic passenger and freight lifts, escalators, moving walkways and other lift equipment. Registration or licensing is required. Skill Level: 3 Main Tasks: • Installs and commissions new lift equipment including cables, counterweights, pumps, motor foundations, and safety and control devices • Tests and adjusts assemblies, including cables, wiring and electric controls, and adjusts safety devices such as brakes and speed governors • Diagnoses and repairs faults in lift motors, brakes, switches and electrical and electronic control systems • Performs routine maintenance and servicing of lifts and escalators • Replaces worn or faulty parts in lift equipment • Responds to emergency callouts to repair lift equipment

712111 Crane, Hoist or Lift Operator

Existing	Proposed
712111 Crane, Hoist or Lift Operator Operates stationary and mobile cranes, hoists, lifts and winches to lift, move and place materials, equipment and people in areas such as building sites, factories, mines, sawmills, wharves and shipyards. Registration or licensing may be required. Skill Level: • 4 Australia • 3 New Zealand Specialisations: • Chairlift Operator • Cherry Picker Operator • Elevated Work Platform Operator • Pile Driver • Portainer Operator • Tower Crane Operator • Winch Operator	712111 Crane, Hoist or Lift Operator Operates stationary and mobile cranes, hoists, lifts and winches to lift, move and place materials, equipment and people in areas such as building sites, factories, mines, sawmills, wharves and shipyards. Registration or licensing may be required. Skill Level: • 4 Australia • 3 New Zealand Main Tasks: • Operates controls for cranes, hoists, lifts, and winches to lift, move, and place materials, equipment, and people • Inspects and maintains cranes, hoists, lifts, and winches to ensure they are in proper working condition • Determines the weight and dimensions of loads to be lifted and selects appropriate equipment and lifting methods • Positions and secures loads using slings, chains, or other lifting devices • Monitors and adjusts crane movements to ensure safe and efficient operation Specialisations: • Crane Truck Operator • Mobile Crane Operator • Straddle Carrier Driver • Tower Crane Operator

721211 Earthmoving Plant Operator (General)

Existing	Proposed
721211 Earthmoving Plant Operator (General) Alternative Title: • Construction Plant Operator (General) Operates a range of earthmoving plant to assist with building roads, rail, water supply, dams, treatment plants and agricultural earthworks. Registration or licensing is required. Skill Level: 4	721217 Earthmoving Plant Operator (General) Alternative Title: • Construction Plant Operator (General) Operates a range of earthmoving plant to excavate, level, compact and shape earth and other materials to assist with building roads, rail, water supply, dams, treatment plants and agricultural earthworks. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Maintains and operates a range of earthmoving plant to excavate, level, compact and shape earth and other materials • Loads, transports and unloads materials using earthmoving plant and equipment • Performs routine pre-start checks, maintenance, minor repairs and adjustments on earthmoving plant and equipment • Monitors and reports any faults or malfunctions of earthmoving plant and equipment

721212 Backhoe Operator

Existing	Proposed
721212 Backhoe Operator Operates a backhoe and attachments to excavate, break, drill, level and compact earth, rock and other material. Registration or licensing is required. Skill Level: 4	721212 Backhoe Operator Operates a backhoe and attachments to excavate, break, drill, level and compact earth, rock and other material. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Operates a backhoe and attachments to excavate and remove earth, rock, and other materials • Breaks through hard surfaces using backhoe attachments • Uses backhoe attachments to lift and place objects such as pipes, poles and logs • Loads and unloads materials onto trucks or other vehicles using a backhoe • Performs routine maintenance and inspections on backhoe and attachments

721213 Bulldozer Operator

Existing	Proposed
721213 Bulldozer Operator Operates a bulldozer using blades and other attachments to gouge out, level and move materials in construction, forestry, mining and other projects. Registration or licensing is required. Skill Level: 4 Specialisation: • Scraper Operator (Earthmoving)	721213 Bulldozer Operator Alternative Title: • Dozer Operator Operates a bulldozer using blades and other attachments to gouge out, level and move materials in construction, forestry, mining and other projects. Skill Level: 4 Main Tasks: • Prepares the bulldozer for operation by conducting pre-start checks and maintenance • Operates the bulldozer to gouge out, level, and move materials according to project specifications • Uses blades and other attachments to perform tasks such as pushing, grading, and compacting materials • Monitors and adjusts the bulldozer's controls to ensure safe and efficient operation • Performs routine repairs on the bulldozer as required Specialisation: • Scraper Operator (Earthmoving)

721214 Excavator Operator

Existing	Proposed
721214 Excavator Operator Operates heavy excavation plant to excavate, move and load earth, rock and rubble. Registration or licensing is required. Skill Level: 4 Specialisations: • Hydraulic Rockbreaker Operator • Trench Digging Machine Operator	721214 Excavator Operator Alternative Title: • Digger Operator Operates heavy excavation plant to excavate, move and load earth, rock and rubble. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Positions, operates, controls, monitors and adjusts heavy excavation plant to excavate, move, and load earth, rock, and rubble in a safe and efficient manner • Loads and unloads excavation plant with materials • Performs pre-start checks and routine maintenance on excavation plant • May perform manual excavation and shovelling as required

721215 Grader Operator

Existing	Proposed
721215 Grader Operator	721215 Grader Operator
Operates a grader to spread and level materials in construction projects.	Operates a grader to spread and level materials in construction projects.
Registration or licensing is required.	Skill Level: 4
Skill Level: 4	Main Tasks: • Determines the appropriate grades and slopes for the construction project • Operates and controls a grader to spread and level materials such as soil, gravel and asphalt on construction sites • Monitors and adjusts the grader's speed and blade position to achieve desired results • Performs routine maintenance tasks on the grader, such as cleaning and lubricating

721216 Loader Operator

Existing	Proposed
721216 Loader Operator Operates a motorised loader to move and load soil, rock and other material. Registration or licensing is required. Skill Level: 4 Specialisations: • Bobcat Operator • Front-end Loader Operator	721216 Loader Operator Operates a motorised loader to move and load soil, rock and other material. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Moves materials to designated areas and loads and unloads materials onto trucks or other vehicles using the loader • Weighs and measures materials to ensure accurate loading • Inspects and maintains the loader to ensure it is in proper working condition • Performs routine maintenance on the loader, such as cleaning and lubricating Specialisations: • Bobcat Operator • Front-end Loader Operator

721912 Linemarker

Existing	Proposed
721912 Linemarker Operates plant to apply markings to roads and other surfaces such as car parks, airports and sportsgrounds. Registration or licensing is required. Skill Level: 4 Specialisation: • Road Marker	721912 Linemarker Operates plant to apply markings to roads and other surfaces such as car parks, airports and sportsgrounds. Registration or licensing is required. Skill Level: 4 Main Tasks: • Prepares roads and other surfaces for line marking • Measures and marks out lines and symbols on roads and other surfaces • Operates line marking machinery and equipment to apply markings to surfaces accurately Specialisation: • Road Marker

721913 Paving Plant Operator

Existing	Proposed
721913 Paving Plant Operator Operates plant to spread and level hot bituminous paving materials and lay concrete on areas such as highways, roads and car parks. Registration or licensing is required. Skill Level: • 4 Australia • 3 New Zealand	Retire occupation and merge residual with proposed occupation; 721999 Mobile Plant Operators nec

721915 Road Roller Operator

Existing	Proposed
721915 Road Roller Operator Operates a power-driven roller to prepare surfaces for roads, runways and car parks. Registration or licensing is required. Skill Level: 4	721915 Road Roller Operator Operates a power-driven roller to prepare surfaces for roads, runways and car parks. Skill Level: 4 Main Tasks: • Controls roller speed and direction to achieve desired compaction and smoothness • Monitors surface conditions and adjusts roller operation as necessary • Performs routine maintenance and cleaning of roller equipment • Follows project plans and specifications for surface preparation and compaction

721916 Streetsweeper Operator

Existing	Proposed
721916 Streetsweeper Operator	721916 Streetsweeper Operator
Operates plant to clean streets and gutters of litter and debris.	Operates plant to clean streets and gutters of litter and debris.
Registration or licensing is required.	Registration or licensing is required.
Skill Level: 4	Skill Level: 4
	Main Tasks: • Operates equipment to dampen dust and collect and dispose of litter and debris from streets and other paved surfaces • Keeps records of areas cleaned • Inspects and undertakes minor maintenance on street cleaning equipment

721999 Mobile Plant Operators nec

Existing	Proposed	
721999 Mobile Plant Operators nec This Occupation group covers/includes Other Mobile Plant Operators not elsewhere classified. Skill Level: 4 Occupations in this group include: • Cable Ferry Operator • Dredge Operator • Mulcher Operator • Snow Groomer • Straddle Carrier Operator • Tunneller	721917 Tunnel Constructor Alternative Title: • Tunneller Operates plant to excavate, support and form tunnels and shafts in the ground needed for services such as rail lines, roads and water works. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Operates and performs routine repairs and maintenance on tunnelling equipment and machinery such as road header machines and tunnel boring machines • Excavates and removes soil and rock to create tunnels and shafts • Installs and maintains support systems such as timber, steel or concrete linings • Installs site services such as air supply, ventilation, dust extraction and drainage • Monitors and adjusts tunnelling equipment to ensure safe and efficient operation • Inspects and tests tunnelling structures for stability and integrity • Follows engineering plans and specifications to ensure accurate tunnel construction • Collaborates with engineers and other construction workers to coordinate tunnelling activities	721999 Mobile Plant Operators nec This occupation comprises Other Mobile Plant Operators not elsewhere classified. Examples: • Cable Ferry Operator • Dredge Operator • Mulcher Operator • Snow Groomer • Straddle Carrier Operator Skill Level: 4

Existing	Proposed			
821111 Builder's Labourer Alternative Title: - Construction Worker Performs routine tasks in erecting and repairing structures and facilities on building and construction sites and in factories producing prefabricated building components. Skill Level: 5 Specialisations: - Bricklayer's Assistant - Carpenter's Assistant - Tiler's Assistant	821115 Asbestos Removalist Identifies, safely removes and disposes of asbestos found in buildings, building materials such as tiles, flooring panels and ceiling sheets, and other structures through the use of containment enclosures and specialised equipment, such as airless sprayers and injection equipment. Registration or licensing is required. Skill Level: 4 Main Tasks: - Identifies the presence and type of asbestos in buildings and in building materials, pipes, boilers, and other structures - Sets up containment enclosures and safety measures to prevent the spread of asbestos fibres during removal - Operates specialised equipment, such as airless sprayers and injection equipment, to safely remove and seal asbestos in secure	821116 Builder's Labourer Alternative Titles: - Construction Worker - Construction Labourer Performs routine tasks in preparing, erecting and repairing structures and facilities on building and construction sites and in factories producing prefabricated building components. Demolition Labourers and Pipe Layers are excluded from this occupation. Skill Level: 5 Main Tasks: - Assists with the preparation of building sites, including clearing debris and setting up barricades and scaffolding - Carries and lifts materials and tools to and from work areas and around building sites	821117 Demolition Labourer Alternative Title: - Demolition Worker Assesses, demolishes, dismantles and removes building structures and materials such as brick, timber, concrete and metal. Registration or licensing may be required. Asbestos Removalists are excluded from this occupation. Skill Level: 4 Main Tasks: - Continually assesses building structures to ensure that the demolition process is safe and efficient - Dismantles and removes building materials such as brick, timber, concrete, and metal - Operates machinery and other equipment	821118 Pipe Layer Lays, assembles and connects pipe systems made of steel, iron, plastic, concrete or other materials for water mains, sewers and drains. Registration or licensing may be required. Skill Level: 4 Main Tasks: - Inspects the ground to determine the suitability for pipe laying and digs and backfills trenches for pipe installation - Measures and cuts pipes to required lengths and assembles and connects pipes using appropriate fittings and tools - Seals pipe joints to ensure they are watertight, tests pipe systems for leaks and

	containers for safe disposal, ensuring no leakage of asbestos fibres • Cleans the site after asbestos removal using specialised vacuum cleaners and other cleaning tools to ensure that there are no residual asbestos fibres • Conducts air monitoring and clearance testing to ensure the area is safe for reoccupation after asbestos removal	• Operates hand and power tools such as drills, saws and hammers to assist with the assembly and installation of prefabricated or structural building components • Cleans building and construction sites and maintains tools and equipment Specialisations: • Bricklayer's Assistant • Carpenter's Assistant	to assist in the demolition process	makes necessary repairs
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821112 Drainage, Sewerage and Stormwater Labourer

Existing	Proposed
821112 Drainage, Sewerage and Stormwater Labourer	821112 Drainage, Sewerage and Stormwater Labourer
Performs routine tasks in maintaining drainage, sewerage and stormwater systems.	Performs routine tasks in maintaining drainage, sewerage and stormwater systems.
Skill Level: 5	Skill Level: 5
	Main Tasks: • Cleans and performs minor repairs to stormwater drains and canals • Checks for cracks and leaks in sewerage systems • Assists with the installation of on-site domestic wastewater treatment plants, disposal systems, stormwater and below ground sanitary drainage systems • Installs prefabricated inspection openings and inspection chambers

821113 Earthmoving Labourer

Existing	Proposed
821113 Earthmoving Labourer Performs routine tasks in excavating earth, clearing and levelling sites, and digging irrigation channels. Skill Level: 5 Specialisation: Grave Digger	821113 Earthmoving Labourer Performs routine tasks in excavating earth, clearing and levelling sites, and digging irrigation channels. Skill Level: 5 Main Tasks: - Manually excavates and moves earth, rocks, and other materials - Loads excavated materials levels onto conveyors, wheelbarrows and trucks for removal - Spreads and levels soil, gravel and sand on roads and driveways, trench bottoms and similar locations Specialisation: - Grave Digger

821114 Plumber's Assistant

Existing	Proposed
821114 Plumber's Assistant	821114 Plumber's Assistant
Performs routine tasks in fabricating, laying, installing and maintaining pipes, fixtures, water meters and regulators.	Performs routine tasks in fabricating, laying, installing and maintaining pipes, fixtures, water meters and regulators.
Skill Level: 5	Skill Level: 5
	Main Tasks: - Assists Plumbers in fabricating, laying, installing, and maintaining pipes, fixtures, water metres, and regulators - Assists in measuring, cutting, and fitting pipes and fixtures and holds pipes in place while Plumbers weld or solder joints - Assists in installing and repairing plumbing fixtures such as toilets, sinks, and taps

Existing	Proposed	
821211 Concreter Alternative Title: Concrete Worker Pours, spreads, smooths and finishes concrete for structures such as floors, stairs, ramps, footpaths and bridges. Skill Level: 5	821212 Concreter Alternative Title: - Concrete Worker Pours, spreads, smooths and finishes concrete and installs reinforcements to strengthen concrete for structures such as floors, stairs, ramps, footpaths and bridges. Reads and interprets construction plans, and supervises Concreter's Labourers. Registration or licensing may be required. Skill Level: 3 Main Tasks: - Reads and interprets construction plans and specifications - Determines the quantity and type of concrete required for a project - Supervises and directs the work of Concreter's Labourers - Prepares the site for concrete pouring, including clearing and leveling the area - Installs reinforcement materials, such as rebar, to strengthen concrete - Mixes and pours concrete into the designated areas - Spreads and levels concrete using tools such as screeds and trowels - Finishes concrete surfaces to achieve the desired texture and appearance - Cures and protects concrete to ensure proper hardening and durability - May construct formwork to hold wet concrete in place Specialisations: - Concrete Cutter - Concrete Finisher - Concrete Patcher	821213 Concreter's Labourer Assists with concrete mixing, pouring, finishing, screeding and reinforcement installation. Handles concreting materials and undertakes preparation and cleaning of the worksite. Skill Level: 5 Main Tasks: - Assists with concrete mixing, pouring, and finishing - Spreads and levels concrete surfaces - Installs reinforcement materials under supervision - Handles and transports concreting materials and tools - Prepares worksites by cleaning and organising materials - Assists with the setup and dismantling of formwork - Assists with the placement and alignment of concrete forms - Cleans and maintains concreting tools and equipment

821311 Fencer

Existing	Proposed
821311 Fencer	821311 Fencer
Alternative Title: Fence Erector	Alternative Title: Fence Erector
Erects and repairs fences and gates.	Erects and repairs fences and gates.
Skill Level: 4	Skill Level: 4
	Main Tasks: - Inspects and measures the area for fence or gate installation or repair - Cuts and shapes fence panels or gates - Digs holes and secures fence posts or gate supports - Attaches fence panels or gates to posts or supports - Repairs damaged fences and gates by fixing or replacing components

821411 Building Insulation Installer

Existing

821411 Building Insulation Installer

Installs and applies insulating material, such as foam, granules, foil, solar film, batts and blankets, to walls, floors, windows and ceilings of buildings to insulate against heat, cold, air, sound and moisture.

Registration or licensing may be required.

Skill Level: 4

Specialisation:

- Window Tinter (Building)

Proposed

821422 Building Insulation Installer

Installs and applies insulating material, such as foam, granules, foil, solar film, batts and blankets, to walls, floors, windows and ceilings of buildings to insulate against heat, cold, air and sound.

Registration or licensing may be required.

Waterproofers are excluded from this occupation.

Skill Level: 4

Main Tasks:

- Measures and cuts insulation material, including window tint, to fit specified areas of buildings
- Installs insulation material in walls, floors, windows, and ceilings of buildings using tools and equipment, such as spray guns, blowers, and staplers
- Applies adhesive or fasteners to secure insulation material in place
- Seals gaps and joints in insulation material to ensure airtightness

Specialisation:

- Window Tinter (Building)

821423 Waterproofer

Applies membranes, caulking, sealants, coatings and other protective materials to floors, walls, roofing and structural joints to prevent penetration of moisture.

Registration or licensing may be required.

Skill Level: 3

Main Tasks:

- Applies caulking and sealants to joints and gaps in structures using specialised equipment
- Lays membranes and sprays or brushes on protective coatings to surfaces to prevent penetration of moisture
- Inspects and repairs existing waterproofing systems
- Measures and cuts waterproofing materials to fit specific areas

Specialisation:

- Caulker

821412 Home Improvement Installer

Existing	Proposed				
821412 Home Improvement Installer Installs functional and decorative home improvements such as awnings, curtains, blinds, security screens, garage doors, exterior cladding, shower screens and prefabricated windows and doors. Registration or licensing may be required. Skill Level: 4 Specialisations: • Awning Installer • Carport Erector • Curtain Fitter • Security Door Installer • Shower Screen Installer	821413 Garage Door Installer Alternative Title: • Garage Door Technician Installs and removes garage doors including hardware and parts, such as tracks, springs and rollers, and installs motor units, drive systems and control mechanisms used to open and close garage doors. Skill Level: 4 Main Tasks: • Removes and disassembles existing garage doors and installs and assembles new garage doors • Installs tracks, springs, and rollers for proper functioning of garage doors • Installs motor units, drive systems, and control mechanisms for automated opening	821414 Shed Builder Alternative Title: • Shed Erector Builds and installs shed foundations, framing, walls, roofing, doors and windows and performs the appropriate internal and external finishing. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Measures, marks out, excavates and levels the ground for shed foundations • Constructs shed foundations using concrete or other suitable materials • Constructs shed frames, including walls, roofing,	821415 Swimming Pool and Spa Builder Constructs pools and spas and installs pool plumbing and electrical systems. May also construct surrounding hardscape areas and decorative pool elements. Registration or licensing may be required. Pool Tilers are excluded from this occupation. Skill Level: 3 Main Tasks: • Excavates soil and debris to prepare the site for pool and spa construction • Constructs pool and spa shells using materials such as concrete, fibreglass, or vinyl • Installs plumbing systems for pool	821416 Window Furnishing Installer Measures, cuts, mounts and secures window treatments such as awnings, blinds, curtains and shutters, and removes existing window treatments where required. Security shutter installers are excluded from this occupation.. Skill Level: 4 Main Tasks: • Measures windows to determine the size and dimensions of window treatments needed, and cuts them to the appropriate size • Mounts brackets and threading rods onto windows and installs blinds or	821499 Insulation and Home Improvement Installers nec This occupation comprises Insulation and Home Improvement Installers not elsewhere classified. Registration or licensing may be required. Examples: • Balustrade Installer • House Restumper • Patio Installer • Shade Sail Installer • Shower Screen Installer Skill Level: 4

	and closing of garage doors Repairs or replaces damaged or malfunctioning parts of garage doors	doors and windows - Applies external finishing to sheds, such as paint or stains - Installs internal finishing, such as insulation, plasterboard and flooring, to sheds	and spa circulation and filtration, and electrical systems for pool lighting and equipment May undertake the installation of pool hardscape areas, such as decking or paving, and incorporate water features and other decorative elements into pool design	curtains onto the brackets and threading rods - Ensures that awnings, blinds, curtains or shutters are properly aligned and level - Removes existing window treatments, such as blinds or curtains Specialisations: - Awning Installer - Blind Installer - Curtain Installer - Shutter Installer	
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821511 Paving and Surfacing Labourer

Existing

821511 Paving and Surfacing Labourer

Performs routine tasks associated in laying bituminous and other paving materials on roads, runways, parking areas and other surfaces to be paved.

Skill Level:

- 5 Australia
- 4 New Zealand

Proposed

821511 Paving and Surfacing Labourer

Performs routine tasks associated in laying bituminous and other paving materials on roads, runways, parking areas and other surfaces to be paved.

Skill Level:

- 5 Australia
- 4 New Zealand

Main Tasks:

- Sweeps paving bases prior to laying asphalt and other surfaces
- Sprinkles and brushes hot and cold-mix asphalt over surfaces to be paved and repaired to bond asphalt toppings to bases
- Operates tank-truck distributors and hoses to spray tar and road oils and emulsions on graded surfaces prior to paving
- Trips tailgate levers to discharge hot-mix asphalt into paving machines and spreads stone chips, gravel and cold-mix asphalt onto road surfaces
- Removes water and debris from potholes or damaged areas and trims damaged surfaces before repair
- Shovels asphalt mix into areas inaccessible to paving machines and compacts mix using rakes and hand tampers
- Erects and dismantles barriers
- Loads and unloads equipment and cleans work sites
- May direct traffic

821611 Railway Track Worker

Existing	Proposed	
821611 Railway Track Worker Lays and repairs tracks for railways, tramways, quarries and mines, and installs and repairs signals and other equipment. Skill Level: 4 Specialisation: Track Inspector	821612 Rail Protection Officer Assesses rail worksites, including on railways, tramways, quarries and mines, and implements safety procedures to protect the worksite and workers. Skill Level: 4 Main Tasks: - Assesses worksite safety in rail environments by identifying hazards and appropriate risk controls - Ensures workers in the rail corridor are safe - Determines safety measures required for occupancy of the track - Obtains track work authority from Railway Network Controllers to allow rail traffic to proceed through worksites - Advises Railway Network Controllers of any delays in returning the track to service - May conduct risk assessments and provide safety briefings to rail work crews	821613 Railway Track Worker Lays, aligns and repairs tracks for railways, tramways, quarries and mines. Skill Level: 4 Main Tasks: - Removes and replaces damaged or worn-out tracks - Measures and marks out areas for track construction or repair - Operates small machinery and equipment to lay tracks - Aligns and levels tracks using specialised tools and equipment - Welds or bolts tracks together to ensure stability and safety - Conducts regular maintenance and repairs on tracks and equipment

821711 Construction Rigger

Existing

821711 Construction Rigger

Assembles and installs rigging gear, such as cables, ropes, pulleys and winches, to lift, lower, move and position equipment, structural steel and other heavy objects.

Registration or licensing may be required.

Skill Level:

- 4 Australia
- 3 New Zealand

Proposed

821711 Construction Rigger

Assembles and installs rigging gear, such as cables, ropes, pulleys and winches, to lift, lower, move and position equipment, structural steel and other heavy objects.

Registration or licensing may be required.

Skill Level:

- 4 Australia
- 3 New Zealand

Main Tasks:

- Determines the necessary type and size of rigging gear, and inspects and prepares the appropriate rigging gear for the task
- Attaches rigging gear to equipment, structural steel, or other heavy objects
- Builds and dismantles cranes and hoists
- Uses mechanical load shifting equipment and associated tools such as winches, hoists, and other lifting equipment, to lift, lower, move, position and secure objects
- Maintains and repairs rigging gear

Specialisations:

- Advanced Rigger
- Crane Rigger
- Telecommunications Rigger

821712 Scaffolder

Existing	Proposed
821712 Scaffolder Erects and dismantles scaffolding to provide work platforms on building and industrial sites, and for temporary structures such as staging and seating. Registration or licensing may be required. Skill Level: 4	821712 Scaffolder Erects and dismantles scaffolding to provide work platforms on building and industrial sites, and for temporary structures such as staging and seating. Registration or licensing may be required. Skill Level: 4 Main Tasks: • Fits and bolts tubes, support braces and components to form bases and build up scaffolding • Lifts and positions sections of scaffolding • Erects guard rails, guy wires, ropes and clamps, lays planks and hangs safety nets • Dismantles and removes scaffolding from building sites

821713 Steel Fixer

Existing	Proposed
821713 Steel Fixer	821713 Steel Fixer
Positions and secures steel bars and steel mesh in concrete forms to reinforce concrete structures.	Positions and secures steel bars and steel mesh in concrete forms to reinforce concrete structures.
Registration or licensing may be required.	Registration or licensing may be required.
Skill Level: 4	Skill Level: 4
	Main Tasks: - Measures, cuts, bends and fits welded wire mesh into concrete areas to be mesh-reinforced - Fixes mesh and reinforced steel into position in formwork for concrete pours - Sets up winches and rig equipment to raise and position girders, plates, columns and other steel units

821714 Structural Steel Erector

Existing	Proposed
821714 Structural Steel Erector	821714 Structural Steel Erector
Erects and dismantles structural steel frames of buildings and other structures.	Erects and dismantles structural steel frames of buildings and other structures.
Registration or licensing may be required.	Registration or licensing may be required.
Skill Level: 4	Skill Level: 4
	Main Tasks: - Erects lifts and positions girders, plates, columns and other structural steel components - Aligns, levels and secures structural steel components - Measures, cuts, bends, fits and fixes welded wire mesh and reinforced steel into concrete areas for mesh-reinforcement and formwork for concrete pours - Lifts, positions and installs bracing, temporary supports, safety nets and scaffolding - Dismantles and removes steel structures and temporary structures at project completion

821911 Crane Chaser

Existing	Proposed
821911 Crane Chaser Slings cranes and winches, and directs the movement of loads ensuring loads do not exceed lifting capacities. Skill Level: 4 Specialisations: • Dogman/woman • Slinger	821911 Dogger Slings cranes and winches, directs the movements of loads while ensuring that they do not exceed lifting capacities, and assists in rigging and dismantling cranes and winches. Registration or licensing may be required. Crane Riggers are excluded from this occupation. Skill Level: 4 Main Tasks: • Inspects and prepares cranes and winches for operation • Attaches slings and hooks to loads, ensuring proper placement and secure attachment • Monitors and controls the movement of loads via communication with crane drivers, ensuring they do not exceed lifting capacities • Assists in rigging and dismantling cranes and winches • Performs routine maintenance and repairs on cranes and winches • Keeps records of crane operations, including load weights and movements

821913 Lager

Existing	Proposed
821913 Lager Applies insulating materials, such as felt, fibreglass, polyurethane and cork, to pipes, steam generators, process vats and ducting, and secures insulation with wire, wire netting, staples, metal strapping and using welding torches. Skill Level: 5	821913 Lager Applies insulating materials, such as felt, fibreglass, polyurethane and cork, to pipes, steam generators, process vats and ducting, and secures insulation with wire, wire netting, staples, metal strapping and using welding torches. Skill Level: 5 Main Tasks: • Determines insulation requirements for pipes, steam generators, process vats and ducting • Measures and cuts insulating materials to fit pipes, steam generators, process vats and ducting • Secures insulation using tools or machinery • Repairs or replaces damaged insulation